

!
!
!
!
!
!
!
!
!
!
!

"#\$%&'!()*!*, -, &./!0123, 4/%5!6(789, , !: ; 25<&%4, !=4(>4%#!
(1!9, #%5, !6%- (+4!9(4&, !=%4' 2&2\$%'2(1=>>?"

: (<%&9" - *\$@%&9; A"; ..%99")("A(B4C%%". <\$!0.; &%"\$*"D-%1%. "\$*O-. %O"*%; &A6"E>+>>>": (&%"

B%&D>4(+1<!

h*")<%5; *; 0\$; *"C%0%&;)\$(*+)<%"#&(@\$* .%"(C"D-

D-%1%.09"A(B4C%%".<\$A0.;&%"G&(H0.4(";:H)02((")]TJETQq0.24000.24239.9598708.48cmBT50005000Tm/f1.11

Z; 1A%!" (: G; &%9")<%"\$*. &%; 9%9"\$**A; 1 (-&"C (&. %"G; &). \$G;)\$(*"&;)%9" (C"B (: %**"; H%0"!T")("ke")<;)")(([" GA; .%" 1%)B%%%**" ! ddk")(" =>>?" \$**" D-%1%. + " _*"); &\$("+ ; *O" 5; *; O; " ; 9" ; " B<(A%L" b*" D-%1%. + : ()<%&9" %IG%&\$%*. %O": (&"G&(* (-*. %O"\$*. &%; 9%9"\$**A; 1 (-&"C (&. %"G; &). \$G;)\$(*")<; **B (: %**" B\$)<(-)". <\$AO&%*L" Z<\$9"B; 9"* ()"<%". ; 9%"\$** _*"); &\$("(&"\$**5; *; O; " ; 9" ; "B<(A%L"

W%-5, !EI!! 6%-(+4!)(4&, !\$%4'2&2\$%'2(1!4%' , !()!7 (#, 1!%, <!ES!' (!KU!-H!%, !()!H(+1>, /'!&; 25<!%'! ; (#, ?!* +, -, &!V1'%42(!%1<!: %1%<%?!EJJK!%1<!LMMT!N\$, 4&, 1'%>, /P!!

	<u>*+X-, &"</u>		
""	EJJK"	LMMT"	Y%42%'2(1"
6, /!' ; %1<, !K!H, %4/!(5<"	kK+!"	Ee+K"	!! +="
K!' (!ES!H, %4/!(5<"	EK+e"	?AO.%4(0) fE	

W%-5, !LI!!

6%-(+4!)(4&, !\$\$4'2&2\$\$%'2(1!4%' , !())!7 (#, 1!%>, <!ES! (!KU!-H!)%#25H!'H\$, !%1<!%>, !())
H(+1>, /'!&; 25<!%'!; (#, ?!*+, -, &!EJJK!%1<!LMMT!N\$, 4&, 1' %>, /P!!

	<u>@+%58\$%4, 1'!)%#25H"</u>		
!"	EJJK"	LMMT"	Y%42%'2(1"
6, //!' ; %1!<, !K!H, %4/!(5<"	kT+k"	ET+k"	d+E"
K!' (!ES!H, %4/!(5<"	EK+e"	?E+="	! K+?"
	<u>[21>5, 8\$%4, 1'!)%#25H"</u>		
!"	EJJK"	LMMT"	Y%42%'2(1"
6, //!' ; %1!<, !K!H, %4/!(5<"	ek+="	kE+?"	=! +k"
K!' (!ES!H, %4/!(5<"	EK+T"	?k+K"	! =+?"

2(-&. %!"2);)\$9)\$. 9"5; *; 0; "P=>>dRL"

/@\$%*")< ;)" "\$" \$9")<% " 1%< ; @\$(-&" (C": ()<%&9")< ;)" \$9": (9)" A\$[%A6") ("1%" \$*CA-%* .%0" 16")<% " A(B4C%%" 0; 6. ; &% " 9%&\$.%9": ; 0%"; @; \$A; 1A%" \$*" D-%1%. +; *0")< ;)" P; 9" 9<(B*" \$*" Z; 1A%" !R")<% " A; 1(-&" C(&. %" G; &)\$. \$G;)\$(*"& ;)" (C": ()<%&9" \$* .& ; 9%0": (&%& ; G\$0A6" \$*" D-%1%. ")< ;)" \$*" _ *); &\$(" (&5; *; 0; " ; 9"; "B<(A%" C&(: "! ddk") ("=>>?+"\$)" \$9" \$*)%&9)\$*H" ; 9[" <(B": ; *6" C%B%&" D-%1%. " : ()<%&9" B(-A0" < ; @%" 1%" \$*" %: GA(6%0" \$*" =>>?" \$C")<%&\$&" %: GA(6: %*)" & ;)" %< ; 0": (@%0" \$*" G; & ; AA%" A" B\$)<")< ;)" (C_ *); &\$(" : ()<%&9" 1%)B%%" \$*" ! ddk"; *0

W%-5, !RI!! : %5&+5%'2(1!)!' ; , !1+#-, 4!()!*+, -, &!# (' ; , 4/!' ; %!'7 (+5<!; %3, !-, , 1!, # \$5(H, <!21!LMMT!2)!
' ; , 24!, # \$5(H#, 1'!4%' ; !; %<!# (3, <!21!\$%4%55, 5!72' ; !; %!'!)!V1'%42(!# (' ; , 4!/21&, !EJJK!
21/' , %<!()!)(55(721>!;' ; , !\$%' ; !%&' + %55H!4, &(4<, <!

] -: 1%&"(C"D-%1%." : ()<%&9"B<("B(-AO"<; @%"1%%"*"%: GA(6%O"\$*"=>>?"\$C")<%\$&"%: GA(6: %*)"& ;)%"<; O" &%: ; \$*%O")<%9; : %"; 9\$*!" ddk"	<u>] -: 1%&"(C"</u> <u>: ()<%&9"</u> eTd+de>"
#A-9!b*. &%; 9%"\$*")<%** - : 1%&"(C"D-%1%." : ()<%&9"%: GA(6%O")<;)"B(-AO"<; @%"1%%"*(19%&@%O"C&(: "! ddk")("=>>?"\$C")<%\$&"%: GA(6: %*)"& ;)%"<; O": (@%O"\$*G; & ; AA%A"B\$)<")<;)"C"_*"); &\$(" : ()<%&9"	Te+??e"
Uc-; A9!"] -: 1%&"(C"D-%1%." : ()<%&9"B<("B(-AO"<; @%"1%%"*"%: GA(6%O"\$*"=>>?"\$C")<%\$&"%: GA(6: %*)"& ;)%"<; O" : (@%O"\$*G; & ; AA%A"B\$)<")<;)"C"_*"); &\$(" : ()<%&9"	T! e+?=e"
Y\$*-9!"] -: 1%&"(C"D-%1%." : ()<%&9"; .)-; M6"%: GA(6%O"\$*"=>>?"	TET+TED"

&%. %*)"=>>e4=>>T" ; *0"=>>k4=>>E"] ,250".6.A%9^{ei}"b*" ; 00\$)\$(*") ("9)\$: ;)\$*H")<%"\$: G; .)" (C")<%"A(B4C%%"
.<\$AO. ; &%" G&(H&; ; " (*")<%" %: GA(6: %*)" &;)%" (C" : ()<%%&9

& ;)% "C (& ")< \$9 "G% && \$ (O"	"	"	"	"	"
P9) ; * O ; & O " % && (& R"	PKLeR"	P! L?R"	P=L>R"	P=L>R"	P=LKR"
] ()% ! " Z < % " 9) - O \$ % 9" ; & % " 1 ; 9 % O " (* " O ;) ; " C & (: ") B (" 9 - & @ % 6 9" . (* O - .) % O " 1 6 " 2) ;) \$ 9) \$. 9 " 5 ; * ; O ; ! ") < % " 2 - & @ % 6 " (C " , ; 1 (- & " ; * O " b * . (: % " Q 6 * ; : \$. 9 " P 2 , b Q R" ; * O ") < % "] ;) \$ (* ; A " , (* H \$) - O \$ * ; A " 2 - & @ % 6 " (C " 5 < \$ A O & % * " ; * O " o (-) < " P] , 2 5 o R L " Z < % " % : G A (6 : % *) " & ;) % " (C " : () < % & 9 " \$ 9 ") < % " G % & . % *) ; H % " (C " < % ") () ; A " G (G - A ;) \$ (* " (C " : () < % & 9 ") < ;) " < ; O " 9 (: % " % : G A (6 : % *) " \$ * ") < % " 9 - & @ % 6 " & % C % & % * . % " 6 % ; & L " Z < % " % 9) \$: ;) % O " \$: G ; .) " & % G (&) % O " (* ") < % " * % 1) 4) (4A ; 9) " A \$ * % " 9 < (- A O " 1 % " \$ *) % & G & %) % O " ; 9 " C (A A (B 9 ! " \$ C " ; " H & (- G 0 9 " \$ * \$) ; A " % : G A (6 : % *) " & ;) % " B ; 9 + " 9 ; 6 + " T > M " (C ") < % " H & (- G 0 9 ") () ; A " G (G - A ;) \$ (* " ; * O " \$ C " \$) " \$ * . & % ; 9 % O " 1 6 " E " G % & . % *) ; H % " G (\$ *) 9 " P ; 9 " \$ * ") < % " & \$ H <) 4 : (9) " . (A - : * R +) < \$ 9 " : % ; * 9 " < ;) ") < % " & ;) % " B % *) " C & (: " T > M ") (" T E					

<;@%"%9)\$: ;)%O"<;)"\$*"=>>e")<%"%: GA(6: %*)"&;)%"(C": ()<%&9"(C"%A%: %*);&6"9.<(A".<\$AO&%*"B;9"EL>"
G%&. %*);H%"G(\$*)9"<\$H<%&\$C"<%6"<;O"-9%O"A(B4C%%"O;6.;&%B<%*")<%\$&".<\$AO&%*"B%&%"(C"G&%9.<(A";H%L"
Z<%6";A9("C(-*O)"<;)"<\$9"\$*.&%;9%"\$*")<%"%: GA(6: %*)"&;)%B;9": (9)A6"O-%")(":"<%&9"B\$<"A%99")<;*";"

N; [%&+ "/&-1%&+"; *O"Y\$A\$H; *P=>>?R!k"; *O",%C%1@&%+"Y%&&\$H; *+"

<@%F-9)"

!e"

\$*\$O\$O-;A\$*. (: %"); I%9"; *O")<%O%. &; 9%"\$*"); I". &%O\$)9"; *O")&; *9C%&9"H%*%&;)%O"16")<%"\$*. &; 9%"\$*" : (<%&90"%; &*%O"\$*. (: %L"Z<%6"&%G(&)"<;)")<%9%"C; @(-&; 1A%". <; *H%9"\$*"); I%9"; *O")&; *9C%&9"; AA(B%O")<%)B("A%@%A9" (C"H(@%&* : %*)" (H%<%&)" (&%. -G%&;)%"; *"; : (-*)"<%6"%9)\$: ;)%") ("1%"1%)B%*%"; "CA(& (C" !!M"; *O"; ". %\$A\$*H" (C"EdM" (C"<%H&(99". (9)" (C)"<%9-19\$06"\$*"=>>e+O%G%*O\$*H" (*"B<%<%&)"<%6"; 99-: %")<%"*%BA6"

__*.%")<% O&&%.)" \$: G; .)" (* \$*O\$@O-; A" \$* . (: %"); I%9" ; *O" (* @; &\$(-9)"& ; *9C%&9" ; *O" 9(. \$; A" ; 99\$9); * .%" 1%*%C\$)9" <; 9"1%%"* . ; A. -A;)%O"1; 9%O" (*")<%9%"%A%: %*)9+B%"<; @%"G&(. %%O%O")("\$: GA%: %*"); "<\$&O"9)%GL ' -AA" . ; A. -A;)\$(*" (C")<%HA(1; A"1-OH%); &6"\$: G; .)" (C")<%\$* .&%; 9%"\$**%. (* (: \$. ; .)@\$)6"H%*%&;)%O"16")<% .<\$AO. ; &% G&(H&; : "%&C-\$&%9"%9)\$: ;)\$*H"\$)9"%CC%.)9" (*"C%O%&; A" ; *O" D-%1%. " (B*49(-&. %"&%@%*-%9" (<%&")<; *"\$* . (: %"); I%9" ; *O"H(@%&*: %*)"&; *9C%&9L"Z<%9%"\$* .A-O%"%: GA(6%&" ; *O"%: GA(6%%" . (*)&\$1-)\$(*9")(" %: GA(6: %*)" \$*9-&; * .%+" G; &%*); A" \$*9-&; * .%+")<% D-%1%. "#%*9\$(*" #A; *+" B(&[: ; *09" . (: G%*9;)\$(*+ \$*O&&%.)"; I%9" P%LHL+ . (*9-: G)\$(*"); I%9+ G&(G%&6"); I%9+ H; 9(A\$*%"); I%9+ . ; G\$; A"); I%9+ %: GA(6%&" . (*)&\$1-)\$(*9")("<%D-%1%. " ~ %; A)"<2%&@\$. %9" - *OR+; *O" (<%&&%@%*-%9"9- .<; 9". (&G(&)%"\$* . (: %"); I%9" ; *O"&%: \$))%O"G&(C\$)9"C&(: "H(@%&*: %*)"*)%&G&\$9%9L"8%"<; @%"H%*%&; AA6" ; 99-: %O")<;)<%9%"&%@%*-%9" \$* .&%; 9%O"\$*G&(G(&)\$(*")(" /Q#+)"<;)\$9+16"! LM"C(&)"<%9"); \$. "%CC%.)"; A(*%"; *O"16"! LEM"C(&)"<%") (<; A" %CC%.)="L"

Z<%&%9-A)9" (C" (-&. ; A. -A;)\$(*9"1; 9%O" (*")<%")<%&%%9)%G9F-9)"O%9. &\$1%O"; &%9-: : ; &\$3%O"\$*Z; 1A%"kl"Z<% %9)\$: ;)%O"1-OH%); &6"\$: G; .)" \$9" G&%9%*)%O"\$*")<%&%% O\$: %*9\$(*91" ; .. (&O\$*H")(" B<%)"<%&"B%""); [%"\$*")(" ; .. (-*)"(*A6)"<%9"); \$. "%CC%.)" (&\$* .A-O%; A9" (<%O6* ; : \$. "%CC%.)m" ; .. (&O\$*H")(" B<%)"<%&"B%" : %; 9-&%)"<% O&&%.)"1-OH%); &6"\$: G; .)" (*A6" (&)"<%HA(1; A"\$: G; .)m" ; *O" ; .. (&O\$*H")(" B<%)"<%&"B%"A(([";)<%\$: G; .)" (*")<%C%O%&; A"1-OH%)" (&)"<%D-%1%. "1-OH%)L"

W%-5, !KI!!]/'2#%' , <! 2# \$%&'! ()! *+, -, &./! 5(78), , ! &; 25<&%4, ! \$4(>4%#! (1!) , <, 4%5! %1<! \$4(321&2%5!)21%1&, /?!LMMT"P: \$AA\$(*9" (C"SR"

	['%2&! ,) , &!]	!!!!!!W('5!,), &!
"	9, <, 4%5! *+, -, &! W('5! ! 9, <, 4%5! *+, -, &! W('5!	!! !!!!!N/'%2&!%1<H1%#2&P!
b* .&%; 9%"\$*\$*O\$@O-; A"\$* . (: %"); I%9"	!!!!!!e="!!!!!!=! K"!!!!!!KTT"!!!!!! "!!!!!!=K! "!!!!!!Ked"!!!!!!T?>"!!!!!!	
Q. &%; 9%"\$**C\$9. ; A"1%*%C\$)9""	!!!!!!T?"!!!!!!"ee"!!!!!!! >="!!!!!! "!!!!!!! >>"!!!!!!"kk"!!!!!!! k="!!!!!!	
Q. &%; 9%"\$**9(. \$; A" ; 99\$9); * .%"1%*%C\$)9""	!!!!!!4"!!!!!!"eE"!!!!!!"eE"!!!!!! "!!!!!!4"!!!!!!"!! k"!!!!!!! ! k"!!!!!!	
! "#\$%&' () * + \$&, #-" . / , %&'	!!!!!!011"!!!!!!"213"!!!!!!"412"!!!!!! "!!!!!!221"!!!!!!"405"!!!!!!"546"!!!!!!	
b* .&%; 9%"\$**9(. \$; A" . (*)&\$1-)\$(*9"	!!!!!!Ke"!!!!!!"! dd"!!!!!!"=Ke"!!!!!! "!!!!!!TT"!!!!!!"K! ?"!!!!!!"KEK"!!!!!!	
b* .&%; 9%"\$*\$*O&&%.)"; I%9"	!!!!!!dk"!!!!!!"kkk"!!!!!!"ekK"!!!!!! "!!!!!!! Te"!!!!!!"T?T"!!!!!!"EKd"!!!!!!	
b* .&%; 9%"\$*" (<%&" (B*49(-&. %"&%@%*-%9"		

@; &\$(-9"G&(1A%: 9L" g1 (@%"; AA+)"<%O%: ; *O"C(&"9-19\$O\$3%O"9G; . %9"9)\$AA". (*9\$O%&; 1A6"%I .%%O9")<%9-GGA6L"
Y (&% (@%&+)"<%O%@%A(G: %*)" (C"*%B"C; . \$A\$)\$%9+"GA; . %"; 99\$H*: %*)"&-A%9+)"<%CA%I \$1\$A\$)6" (C" (G%&;)\$*H"<(-&9+)"
<%C-; A\$)6" (C"%O- . ;)\$(*; A"9%&@\$. %9"PG; &)\$. -A; &A6"C(&"

!! !! "#\$"%!

"

g0@\$9(&6"5(: : \$))%%("*)<%U. (*(: 6"; *0"#-1\$. "\$*\$; *.%9l"=>!>l"879: ". &)#' &\$1&! ;)(("#4"1<&=/ .72"#\$\$>/<&?@&6&A71\$)#): ("&*)\$; &\$/&B)+#\$)+#&! /#\$%/(&5"%&/7%&! ; /+. "1l"/(

"

=="

"

__&H; *\$9;)\$(* "C (&"U. (* (: \$. "5 (4 (G%&;)\$(* " ; *0"Q%@"%A (G: %*)L" => ! ! " = / + # 4 & T " \$ \$ "%&- / %&X) 2 +(+ "1L"# ; &\$9+ ". < ; G) %&"eL"

"

D2b" J" D-W1%." 2);)\$9)\$. 9" b*9)\$ -) %L" => ! ! ; L" ! / 20\$ "1& 9. / # / 2 + Y7 "1& ' "1& % "5" #71& "\$& ' 90" #1"1L"

"

=K"